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AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method for isolating nucleic acids from a sample containing nucleic acids comprising:

dissolving the sample in a buffer ~~containing~~ comprising at least one surfactant and at least one salt;

heating the obtained solution;

subjecting the heated solution to gel filtration; and

collecting a fraction containing nucleic acids.

2. (Currently amended) The method according to claim 1, wherein said surfactant is Triton X-100® (Registered Trademark).

3. (Currently amended) The method according to claim 1 or 2, wherein said salt is NaCl.

4. (Currently amended) The method according to ~~any one of claims 1 to 3~~ claim 1, wherein said sample is a sample containing ~~comprises~~ eucaryotic cells.

5. (Currently amended) The method according to ~~any one of claims 1 to 4~~ claim 1, wherein said sample is blood.

6. (Currently amended) A kit for nucleic acid isolation from a sample containing nucleic acids, comprising

a buffer and a gel filtration column, wherein said buffer contains ~~comprises~~ at least one kind of surfactant ~~surfactant~~ and at least one kind of salt ~~salt~~.

7. (Currently amended) The kit according to claim 6, wherein said buffer is a buffer containing ~~comprises~~ Triton X-100® (Registered Trademark) and NaCl.

8. (Currently amended) An apparatus for nucleic acid isolation equipped with ~~comprising~~: a sample-introducing part;

a buffer-supplying part that supplies a buffer containing ~~comprising~~ at least one surfactant and at least one salt;

a heating part; and

a separation part filled with ~~comprising~~ gel filtration resins.